

CLAIMS

1. An information processing apparatus comprising:
connection means for connecting to a reproduction device for reproducing content data recorded in a first format;

content data acquisition means for acquiring said content data reproduced by said reproduction device connected to said connection means;

conversion means for converting a format of said content data acquired by said content data acquisition means from said first format to a second format;

recording control means for executing control such that said content data converted to said second format by said conversion means is recorded from said information processing apparatus to a predetermined removable recording medium;

detection means for detecting a signal supplied from said reproduction device indicative that said reproduction device is connected to said connection means and reproduction of said content data by said reproduction device is ready; and

processing control means for executing control such that, if said signal is detected by said detection means, processing by said content data acquisition means,

processing by said conversion means, and processing by said recording control means are continuously executed in this order.

2. The information processing apparatus according to claim 1 further comprising:

reproduction control means for controlling the reproduction of said content data by said reproduction device connected to said connection means; and

information acquisition means for acquiring time information of said content data from said content data of which reproduction is controlled by said reproduction control means;

wherein said content data acquisition means acquires said control data of which reproduction is controlled by said reproduction control means;

said recording control means executes control so as to record said content data of said second format to said recording medium on the basis of said time information of said content data acquired by said information acquisition means; and

said processing control means, if said signal is detected by said detection means, executes control so as to execute the processing of said information acquisition processing, as one of said sequence of processing

operations, before the processing of said recording control means.

3. The information processing apparatus according to claim 2, wherein said reproduction device is a digital video tape recorder;

said first format is a format of said digital video tape recorder;

said content data acquired by said content data acquisition means is recorded to a digital video tape loaded on said digital video tape recorder; and

said reproduction control means controls processing of reproduction, fast forward feed, and rewind of said digital video tape loaded on said digital video tape recorder, and stop of said processing.

4. The information processing apparatus according to claim 2, wherein said content data is data formed by a moving image and audio data corresponding thereto,

said information processing apparatus further comprising:

determination means for determining, on the basis of said time information of said content data acquired by said information acquisition means, a quality of said moving image, a size thereof, and a quality of said audio data of said content data when said content data is

recorded to said recording medium under the control of said recording control means,

wherein said recording control means executes control so as to record said content data to said recording medium with said quality of said moving image, said size, and said quality of said audio data determined by said determination means; and

said processing control means, if said signal is detected by said detection means, executes control so as to execute the processing of said determination means after the processing of said information acquisition means and before the processing of said recording control means as one of said sequence of processing operations.

5. The information processing apparatus according to claim 4, wherein said second format is a format specified by the DVD standard,

said information processing apparatus further comprising:

generation means for generating a DVD menu of said content data acquired by said content data acquisition means on the basis of said time information of said content data acquired by said information acquisition means,

wherein said recording control means executes control so as to record said content data having said

second format to said recording medium on the basis of said DVD menu generated by said generation means; and

said processing control means, if said signal is detected by said detection means, executes control so as to execute the processing of said generation means after the processing of said information acquisition means and before the processing of said recording control means as one of said sequence of processing operations.

6. A program for making a computer execute, as a sequence of processing operations, in an order given, with a predetermined condition used as a trigger, the steps of:

acquiring content data having a first format reproduced by a predetermined reproduction device;

converting the format of said content data acquired by the content data acquisition step from said first format to a second format; and

controlling so as to record said content data converted to have said second format in the conversion step to a recording medium that is detachable from said computer.

7. The program according to claim 6 further making said computer execute the steps of:

Controlling to display a predetermined symbol when a signal indicative that said reproduction device has been connected to said computer and said content data can be

reproduced by said reproduction device is entered, said signal being supplied from said reproduction device; and

detecting the selection of said symbol by a user, display of said symbol being controlled in the display control step,

wherein, if the selection of said symbol by said user is detected in the detection step, said program makes said computer execute the content data acquisition step, the conversion step, and the recording control step as a sequence of processing operations in this order by use of said detection as a trigger.